

## EAST Search History

### EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	317	(713/166.ccls.) and @ad<"20021021"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/07 11:15
L2	112	("709"/\$.ccls. "380"/\$.ccls. "713"/\$.ccls. "726"/\$.ccls.) and (("industrial controller" factory factories plc "programmable logic" security) adj1 ("physical security" alarm framework model\$ analysis analyze manag\$ valida\$) with (archite\$ tool? system? methodolog\$) and ((defen\$ prevent\$ protect\$ mitigat\$) adj1 (rouge maliciou\$ \$security threat? attack? issue? vulnerabilit\$)) and (benefi\$ risk\$ cost\$ model\$ output\$ asset? audit\$) and @ad< "20021021"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/07 12:59
L3	1	("709"/\$.ccls. "380"/\$.ccls. "713"/\$.ccls. "726"/\$.ccls.) and (("industrial controller" factory factories plc "programmable logic" security) adj1 ("physical security" alarm framework model\$ analysis analyze manag\$ valida\$) with (archite\$ tool? system? methodolog\$) and ((adjust\$ amend\$ edit\$ updat\$3 alter\$ correct\$4 disable \$install \$4 action\$4) adj1 (security adj2 (paramet\$ object\$3 variabl\$ requst \$3 attempt\$))) and (benefi\$ risk\$ cost\$ model\$ output\$ asset? audit\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/07 13:46

		and @ad<"20021021"				
L4	2	("705"/\$.ccls. "709"/\$.ccls. "380"/\$.ccls. "713"/\$.ccls. "726"/\$.ccls.) and ((\"industrial controller\" factory factories plc \"programmable logic\" security) adj1 ("physical security" alarm framework model\$ analysis analyze manag\$ valida\$) with (archite\$ tool? system? methodolog\$)) and ((adjust\$ amend\$ edit\$ updat\$3 alter\$ correct\$4 disable \$install \$4 action\$4 counter\$ remediat\$) adj1 (security adj2 (paramet\$ object\$3 variabl\$ requst\$3 attempt \$ counter\$)) and (benefi\$ risk\$ cost\$ model\$ output\$ asset? audit\$) and @ad<"20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/07 14:38
L5	2	((\"industrial controller\" factory factories plc \"programmable logic\" security) adj1 ("physical security" alarm framework model\$ analysis analyze manag\$ valida\$) with (archite\$ tool? system? methodolog\$)) and ((adjust\$ amend\$ edit\$ updat\$3 alter\$ correct\$4 disable \$install \$4 action\$4 counter\$ remediat\$) adj1 (security adj2 (paramet\$ object\$3 variabl\$ requst\$3 attempt \$ counter\$)) and (benefi\$ risk\$ cost\$ model\$ output\$ asset? audit\$) and @ad<"20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/07 14:46

L6	2	((("industrial controller" factory factories plc "programmable logic" security) adj1 ("physical security" alarm framework model\$ analysis analyze manag\$ valida\$) with (archite\$ tool? system? methodolog\$ instrumen\$)) and ((align\$ calibrat\$ extend? adjust\$ amend\$ edit\$ updat\$3 alter\$ correct\$4 disable \$install\$4 action\$4 counter\$ remediat\$) adj2 (security adj2 (paramet\$ object\$3 variabl\$ requst \$3 attempt\$ counter\$))) and (benefi\$ risk\$ cost\$ model\$ output\$ asset? audit\$) and @ad< "20021021"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/07 14:52
S5	2	("709"/\$.ccls. or "380"/\$.ccls. or "713"/\$.ccls. or "726"/\$.ccls.) and ((factory or factories or plc or "programmable logic" or security) adj1 (analysis or manag\$ or valida\$) with (tool? or system? or methodolog\$)) and (mitigat\$ adj1 (security or threat? or attack? or issue? or vulnerabilit\$)) and @ad< "20021021"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 14:59
S6	7	((factory or factories or plc or "programmable logic" or security) adj1 (analysis or manag\$ or valida\$) with (tool? or system? or methodolog\$)) and (mitigat\$ adj1 (security or threat? or attack? or issue? or vulnerabilit\$)) and @ad< "20021021"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 15:00

S7	9	(((\$commerce or manufact\$ or factory or factories or plc or "programmable logic" or security) adj3 (analy\$ or manag\$ or valida\$) with (tool? or system? or methodolog\$)) and (mitigat\$ adj1 (security or threat? or attack? or issue? or vulnerabilit\$)) and @ad< "20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 15:08
S8	9	(((\$commerce or manufact\$ or factory or factories or plc or "programmable logic" or security) adj3 (analy\$ or manag\$ or valida\$) with (tool? or system? or methodolog\$)) and (mitigat\$ adj1 (security or threat? or attack? or issue? or vulnerabilit\$)) and (risk\$ or cost\$ or model\$ or output\$ or asset? or audit \$) and @ad< "20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 15:15
S9	27	(((\$commerce or manufact\$ or factory or factories or plc or "programmable logic" or security) adj3 (analy\$ or manag\$ or valida\$) with (tool? or system? or methodolog\$)) and (mitigat\$ adj3 (security or threat? or attack? or issue? or vulnerabilit\$)) and (risk\$ or cost\$ or model\$ or output\$ or asset? or audit \$) and @ad< "20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 15:23
S10	27	((("assembly line" or "shop floor" or \$commerce or manufact\$ or factory or factories or plc or "programmable logic" or security) adj3 (analy\$ or manag\$ or valida\$) with (tool? or system? or methodolog\$)) and (mitigat\$ adj3 (security or threat? or attack? or issue? or vulnerabilit\$)) and (risk\$ or cost\$ or model\$ or output\$ or	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 15:31

		asset? or audit\$) and @ad< "20021021"				
S11	38	(("assembly line" or "shop floor" or \$commerce or manufact\$ or factory or factories or plc or "programmable logic" or security) adj3 (model\$ or analy\$ or manag\$ or valida\$) with (archite\$ or tool? or system? or methodolog\$)) and (mitigat\$ adj3 (rouge or maliciou\$ or \$security or threat? or attack? or issue? or vulnerabilit\$)) and (risk\$ or cost\$ or model\$ or output\$ or asset? or audit\$) and @ad< "20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 16:10
S16	1	(((corporate or corporation? or factory or factories or manufactu\$ or propri\$ or busines\$) adj2 (asset? or property or artifac\$)) with (model\$ or analy\$ or manag\$ or valida\$) and (archite\$ or tool? or system? or methodolog\$)) and (mitigat\$ adj3 (rouge or maliciou\$ or \$security or threat? or attack? or issue? or vulnerabilit\$)) and (risk\$ or cost\$ or model\$ or output\$ or asset? or audit\$) and @ad< "20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 16:08
S17	1	(((("supply chain" or corporate or corporation? or factory or factories or manufactu\$ or propri\$ or busines\$) adj2 (asset? or property or artifac\$)) with (framework or model\$ or analy\$ or manag\$ or valida\$) and (archite\$ or tool? or system? or methodolog\$)) and (mitigat\$ adj3 (rouge or maliciou\$ or \$security or threat? or attack? or issue? or vulnerabilit\$)) and (risk\$ or cost\$ or	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 16:08

		model\$ or output\$ or asset? or audit\$) and @ad<"20021021"				
S18	40	((propri\$ or busines\$ or "assembly line" or "shop floor" or \$commerce or manufact\$ or factory or factories or plc or "programmable logic" or security) adj3 (framework or model\$ or analy\$ or manag\$ or valida\$) with (archite\$ or tool? or system? or methodolog\$)) and (mitigat\$ adj3 (rouge or maliciou\$ or \$security or threat? or attack? or issue? or vulnerabilit\$)) and (risk\$ or cost\$ or model\$ or output\$ or asset? or audit\$) and @ad<"20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 16:14
S19	40	((propri\$ or busines\$ or "assembly line" or "shop floor" or \$commerce or manufact\$ or factory or factories or plc or "programmable logic" or security) adj3 (alarm or framework or model\$ or analy\$ or manag\$ or valida\$) with (archite\$ or tool? or system? or methodolog\$)) and (mitigat\$ adj3 (rouge or maliciou\$ or \$security or threat? or attack? or issue? or vulnerabilit\$)) and (risk\$ or cost\$ or model\$ or output\$ or asset? or audit\$) and @ad<"20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 16:49

S20	41	((industr\$ or propri\$ or busines\$ or "assembly line" or "shop floor" or \$commerce or manufact\$ or factory or factories or plc or "programmable logic" or security) adj3 (alarm or framework or model\$ or analy\$ or manag\$ or valida\$) with (archite\$ or tool? or system? or methodolog\$)) and (mitigat\$ adj3 (rouge or maliciou\$ or \$security or threat? or attack? or issue? or vulnerabilit\$)) and (benefi\$ or risk\$ or cost\$ or model\$ or output\$ or asset? or audit\$) and @ad< "20021021"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 16:18
S22	538	((industr\$ or propri\$ or busines\$ or "assembly line" or "shop floor" or \$commerce or manufact\$ or factory or factories or plc or "programmable logic" or security) adj3 (alarm or framework or model\$ or analy\$ or manag\$ or valida\$) with (archite\$ or tool? or system? or methodolog\$)) and ((defen\$ or prevent\$ or protect\$ or mitigat\$) adj3 (rouge or maliciou\$ or \$security or threat? or attack? or issue? or vulnerabilit\$)) and (benefi\$ or risk\$ or cost\$ or model\$ or output\$ or asset? or audit\$) and @ad< "20021021"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 16:34

S23	374	((factory or factories or plc or "programmable logic" or security) adj3 (alarm or framework or model\$ or analy\$ or manag\$ or valida\$) with (archite\$ or tool? or system? or methodolog\$)) and ((defen\$ or prevent\$ or protect\$ or mitigat\$) adj3 (rouge or maliciou\$ or \$security or threat? or attack? or issue? or vulnerabilit\$)) and (benefi\$ or risk\$ or cost\$ or model\$ or output\$ or asset? or audit\$) and @ad<"20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 16:38
S24	255	((factory or factories or plc or "programmable logic" or security) adj1 (alarm or framework or model\$ or analy\$ or manag\$ or valida\$) with (archite\$ or tool? or system? or methodolog\$)) and ((defen\$ or prevent\$ or protect\$ or mitigat\$) adj3 (rouge or maliciou\$ or \$security or threat? or attack? or issue? or vulnerabilit\$)) and (benefi\$ or risk\$ or cost\$ or model\$ or output\$ or asset? or audit\$) and @ad<"20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 16:41
S25	148	((factory or factories or plc or "programmable logic" or security) adj1 ("physical security" or alarm or framework or model\$ or analy\$ or manag\$ or valida\$) with (archite\$ or tool? or system? or methodolog\$)) and ((defen\$ or prevent\$ or protect\$ or mitigat\$) adj1 (rouge or maliciou\$ or \$security or threat? or attack? or issue? or vulnerabilit\$)) and (benefi\$ or risk\$ or cost\$ or model\$ or output\$ or asset? or audit\$) and	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 16:45

		@ad<"20021021"				
S27	0	((factory or factories or plc or "programmable logic") adj3 (alarm or framework or model\$ or analy\$ or manag\$ or valida\$) with (archite\$ or tool? or system? or methodolog\$)) and ((defen\$ or prevent\$ or protect\$ or mitigat\$) adj3 (rouge or maliciou\$ or \$security or threat? or attack? or issue? or vulnerabilit\$)) and "physical security" and (benefi\$ or risk\$ or cost\$ or model\$ or output\$ or asset? or audit\$) and @ad<"20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 16:48
S28	299	(713/166.ccls.) and @ad<"20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/16 16:18
S29	5	(713/166.ccls.) and ((factory or factories or plc or "programmable logic" or security) adj1 ("physical security" or alarm or framework or model\$ or analy\$ or manag\$ or valida\$) with (archite\$ or tool? or system? or methodolog\$)) and ((defen\$ or prevent\$ or protect\$ or mitigat\$) adj1 (rouge or maliciou\$ or \$security or threat? or attack? or issue? or vulnerabilit\$)) and (benefi\$ or risk\$ or cost\$ or model\$ or output\$ or asset? or audit\$) and @ad<"20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/16 16:18

S31	106	("709"/\$.ccls. or "380"/\$.ccls. or "713"/\$.ccls. or "726"/\$.ccls.) and (("industrial controller" factory factories plc "programmable logic" security) adj1 ("physical security" or alarm or framework or model\$ or analysis analyze manag\$ or valida\$) with (archite\$ or tool? or system? or methodolog\$)) and ((defen\$ or prevent\$ or protect\$ or mitigat\$) adj1 (rouge or maliciou\$ or \$security or threat? or attack? or issue? or vulnerabilit\$)) and (benefi\$ or risk\$ or cost\$ or model\$ or output\$ or asset? or audit\$) and @ad< "20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/16 16:23
S32	307	(713/166.ccls.) and @ad< "20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 17:12
S33	108	("709"/\$.ccls. "380"/\$.ccls. or "713"/\$.ccls. or "726"/\$.ccls.) and (("industrial controller" factory factories plc "programmable logic" security) adj1 ("physical security" or alarm or framework or model\$ or analysis analyze manag\$ or valida\$) with (archite\$ or tool? or system? or methodolog\$)) and ((defen\$ or prevent\$ or protect\$ or mitigat\$) adj1 (rouge or maliciou\$ or \$security or threat? or attack? or issue? or vulnerabilit\$)) and (benefi\$ or risk\$ or cost\$ or model\$ or output\$ or asset? or audit\$) and @ad< "20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/26 15:26

S34	6	(713/166.ccls.) and ((("industrial controller" factory factories plc "programmable logic" security) adj1 ("physical security" or alarm or framework or model\$ or analy\$ or manag\$ or valida\$) with (archite\$ or tool? or system? or methodolog\$)) and ((defen\$ or prevent\$ or protect\$ or mitigat\$) adj1 (rouge or maliciou\$ or \$security or threat? or attack? or issue? or vulnerabilit\$)) and (benefi\$ or risk\$ or cost\$ or model\$ or output\$ or asset? or audit\$) and @ad<"20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/26 15:29
S35	313	(713/166.ccls.) and @ad<"20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/26 16:21
S36	6	(713/166.ccls.) and ((factor\$3 plc "programmable logic" security) adj1 ("physical security" alarm framework model\$ analy\$ manag\$ valida\$) with (archite\$ tool? system? methodolog\$)) and ((defen\$ prevent\$ protect\$ mitigat\$ countermeasur\$) adj1 (rouge maliciou\$ \$security threat? attack? issue? vulnerabilit\$)) and (benefi\$ risk\$ cost\$ model\$ output\$ asset? audit\$ regrad\$3) and @ad<"20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/26 16:24

S37	113	("709"/\$.ccls. or "380"/\$.ccls. or "713"/\$.ccls. or "726"/\$.ccls.) and ((factor\$3 plc "programmable logic" security) adj1 ("physical security" alarm framework model\$ analy\$ manag\$ valida\$) with (archite\$ tool? system? methodolog\$)) and ((defen\$ prevent\$ protect\$ mitigat\$ countermeasur\$) adj1 (rouge maliciou\$ \$security threat? attack? issue? vulnerabilit\$)) and (benefi\$ risk\$ cost\$ model\$ output\$ asset? audit\$ reqard\$3) and (@ad< "20021021"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/26 16:26
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